

**SMA Male to SMA Female Bulkhead Cable RG-58 Coax**

**Electrical Specifications**

Description	Min	Typ	Max	Units
Frequency Range	DC		1,000	MHz
VSWR			1.35:1	
Velocity of Propagation		66		%
Capacitance	30.8 [101.05]			pF/ft [pF/m]

**Mechanical Specifications**

**Cable Assembly**

Diameter	0.404 in [10.26 mm]
Weight	0.0194 lbs [8.8 g]

**Cable**

Cable Type	RG-58
Impedance	50 Ohms
Inner Conductor Type	Stranded
Inner Conductor Material and Plating	Copper, Tin
Dielectric Type	PE
Number of Shields	1
Shield Layer 1	Tinned Copper Braid
Jacket Material	PVC, Black
Jacket Diameter	0.195 in [4.95 mm]

**Connectors**

Description	Connector 1	Connector 2
Type	SMA Male	SMA Female
Polarity	Standard	Standard
Mount Method		Bulkhead
Impedance	50 Ohms	50 Ohms
Contact Material & Plating	Brass, Gold	Beryllium Copper, Gold
Contact Plating Spec.	50µ in. minimum	50µ in. minimum
Dielectric Type	PTFE	PTFE
Hex Size	5/16 inch	5/16 inch
Torque	4 in-lbs [0.45 Nm]	
Body Material & Plating	Brass, Gold	Passivated Stainless Steel
Body Plating Spec.	3µ in. minimum	

**Environmental Specifications**

**Temperature**

Operating Range	-40 to +85 deg C
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**Compliance Certifications** (see [product page](#) for current document)

**Plotted and Other Data**

Notes:

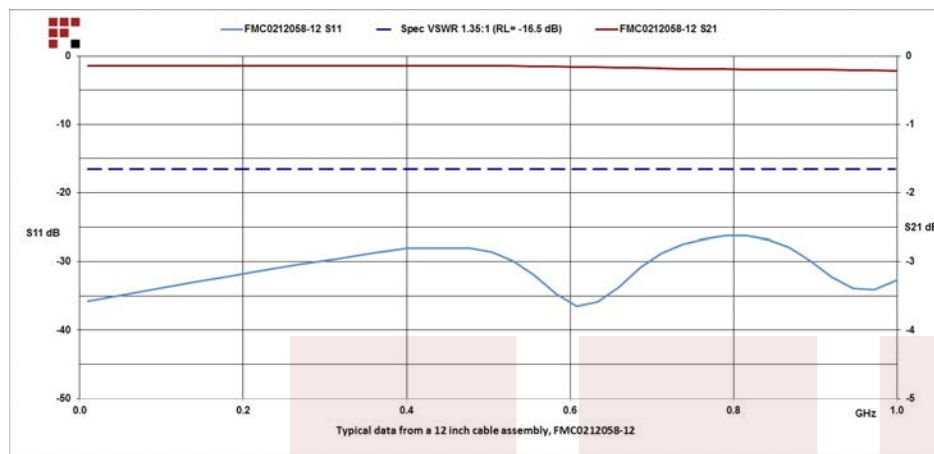


**Configuration:**

- SMA Male
- SMA Female Bulkhead
- RG-58

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**Typical Performance Data**



**How to Order**

Part Number Configuration:

**FMC0212058 - xx uu**

cm = Centimeters  
 <blank> = Inches

Length

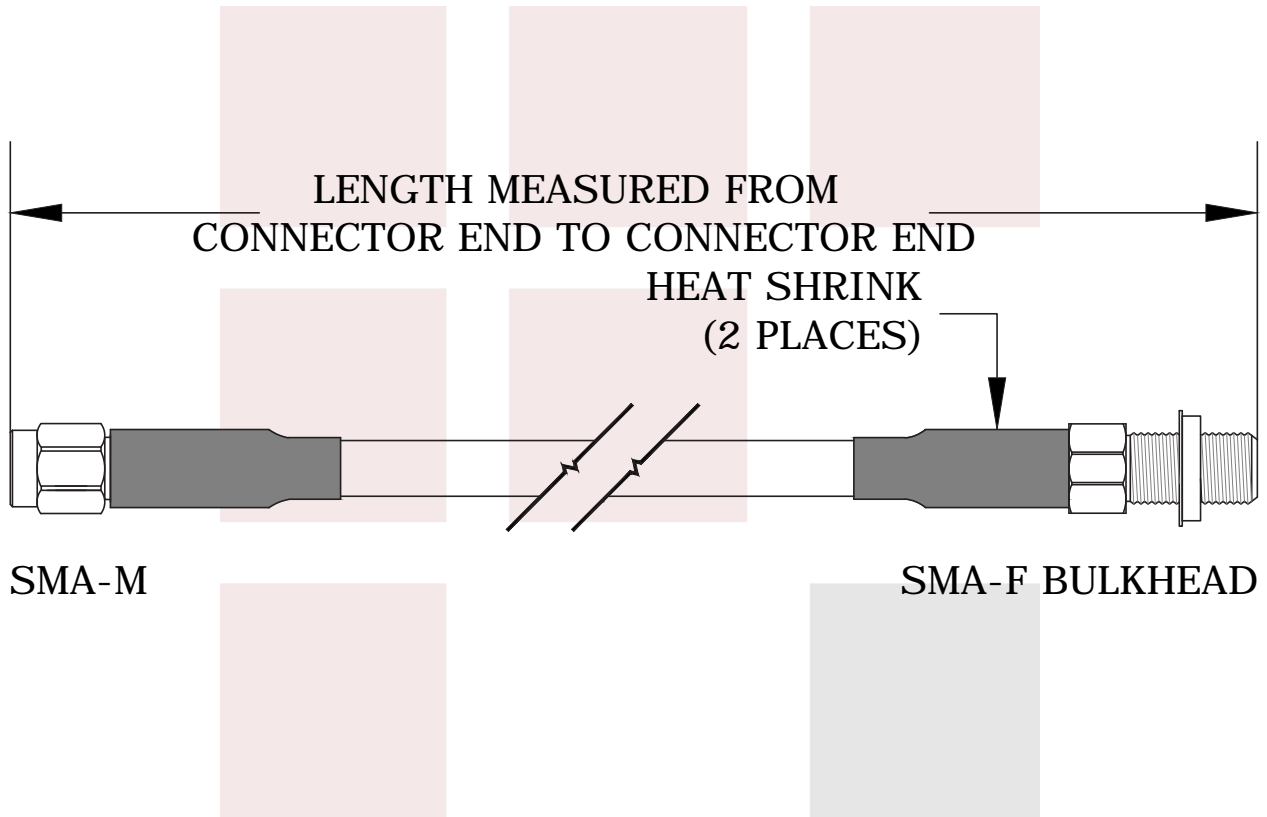
Example: FMC0212058-12 = 12 inches long cable  
 FMC0212058-100cm = 100 cm long cable

SMA Male to SMA Female Bulkhead Cable RG-58 Coax from Fairview Microwave has same day shipment for domestic and International orders. Our RF, microwave and fiber optic products maintain a 99% availability and are part of the broadest selection in the industry.

Click the following link to obtain additional part information: [SMA Male to SMA Female Bulkhead Cable RG-58 Coax FMC0212058](#)

URL: <https://www.fairviewmicrowave.com/sma-male-sma-female-cable-rg58cu-coax-fmc0212058-p.aspx>

The information contained in this document is accurate to the best of our knowledge and representative of the part described herein. It may be necessary to make modifications to the part and/or the documentation of the part, in order to implement improvements. Fairview Microwave reserves the right to make such changes as required. Unless otherwise stated, all specifications are nominal. Fairview Microwave does not make any representation or warranty regarding the suitability of the part described herein for any particular purpose, and Fairview Microwave does not assume any liability arising out of the use of any part or documentation.



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TITLE SMA Male to SMA Female Bulkhead Cable RG-58 Coax		DWG NO <b>FMC0212058</b>		CAGE CODE <b>3FKR5</b>	
CAD FILE	101514	SHEET		SCALE	N/A
				SIZE	A 5568